

Claims

- [c1] 1. A bicycle user information apparatus comprising:
an information receiver that receives information corresponding to the bicycle user through the Internet; and
an administration control unit that manages the information received through the information receiver and enables external access to the managed information in response to predetermined criteria;
wherein the administration control unit comprises a user registration unit that registers identifying information corresponding to a bicycle user.
- [c2] 2. The apparatus according to claim 1 wherein the information receiver receives information from a cycle computer.
- [c3] 3. The apparatus according to claim 1 wherein the information receiver receives information from a personal computer.
- [c4] 4. The apparatus according to claim 1 wherein the managed information comprises at least one of geographical information, cycling condition information and physical information of the bicycle user.

- [c5] 5. The apparatus according to claim 1 wherein the administration control unit includes a rank processing unit that processes ranking information for a plurality of bicycle users.
- [c6] 6. The apparatus according to claim 1 wherein the administration control unit includes a location processing unit that processes information corresponding to a current location of a bicycle user when using the bicycle.
- [c7] 7. The apparatus according to claim 1 wherein the administration control unit includes a mail server that processes mail received through the information receiver.
- [c8] 8. The apparatus according to claim 1 wherein the administration control unit includes a training plan unit that develops a training plan for a bicycle user.
- [c9] 9. The apparatus according to claim 8 wherein the training plan unit develops the training plan based on rider history data.
- [c10] 10. The apparatus according to claim 1 wherein the administration control unit includes an information delivery unit that delivers information to a requesting user.
- [c11] 11. The apparatus according to claim 10 wherein the administration control unit includes a location processing

unit that processes information corresponding to a current location of a bicycle user when using the bicycle, and wherein the information delivery unit communicates information corresponding to the bicycle user to the requesting user.

- [c12] 12. The apparatus according to claim 11 wherein the information delivery unit communicates the information to the requesting user through the Internet.
- [c13] 13. The apparatus according to claim 12 wherein the information delivery unit communicates the information to the requesting user when the current location of the bicycle user is in proximity to a current location of the requesting user.
- [c14] 14. The apparatus according to claim 10 wherein the administration control unit manages geographical information corresponding to a current location of the bicycle user when using the bicycle, and wherein the information delivery unit communicates the geographical information to the requesting user.
- [c15] 15. The apparatus according to claim 14 wherein the information delivery unit communicates the geographical information to the requesting user through the Internet.
- [c16] 16. A bicycle computer comprising:

a control unit structured to be mounted to a bicycle;
an information receiver that receives information external to the control unit;
a memory card that stores information including information received through the information receiver,
wherein the memory card is detachably coupled to the control unit; and
a display unit that displays information corresponding to information received through the information receiver.

- [c17] 17. The computer according to claim 16 wherein the information receiver receives information from a sensor installed on the bicycle.
- [c18] 18. The computer according to claim 16 wherein the information receiver receives information calculated from an external calculating means.
- [c19] 19. The computer according to claim 16 wherein the information receiver receives information from a sensor installed on the bicycle, and wherein the information receiver receives information calculated from an external calculating means.
- [c20] 20. The computer according to claim 16 wherein the information receiver comprises a bidirectional communication unit that receives external information and transmits

information externally.

- [c21] 21. The computer according to claim 20 wherein the bidirectional communication unit transmits information stored on the memory card externally.
- [c22] 22. The computer according to claim 21 wherein the bidirectional communication unit transmits information through the Internet.
- [c23] 23. The computer according to claim 21 wherein the bidirectional communication unit is structured to communicate with a personal computer.
- [c24] 24. The computer according to claim 23 wherein the bidirectional communication unit is structured to communicate with the personal computer wirelessly.
- [c25] 25. The computer according to claim 16 further comprising a location information detecting unit that detects information corresponding to a current location of the computer.
- [c26] 26. The computer according to claim 16 wherein the memory card is structured to be coupled to a personal computer.
- [c27] 27. A bicycle computer comprising:
a control unit structured to be mounted to a bicycle;

a search signal transmitter that wirelessly transmits a search signal;
a search signal receiver that receives a wirelessly transmitted search signal; and
a notifying unit that notifies of the receipt of the wirelessly transmitted search signal.

[c28] 28. The computer according to claim 27 further comprising a response signal transmitter that wirelessly transmits a response signal in response to the receipt of the wirelessly transmitted search signal.

[c29] 29. The computer according to claim 27 wherein the notifying unit audibly notifies of the receipt of the wirelessly transmitted search signal.

[c30] 30. A bicycle computer comprising:
a control unit structured to be mounted to a bicycle;
a location information detecting unit that detects information corresponding to a current location of the computer;
a location information transmitter that transmits information corresponding to the current location of the bicycle; and
a location information receiver that receives information corresponding to a current location of another bicycle.

- [c31] 31. The computer according to claim 30 further comprising a display unit that displays information corresponding to the current location of the bicycle.
- [c32] 32. The computer according to claim 31 wherein the display unit displays information corresponding to the current location of the other bicycle.
- [c33] 33. The computer according to claim 30 wherein the display unit displays at least one of the information corresponding to the current location of the bicycle and the information corresponding to the current location of the other bicycle on a map.